

Docket No.: 07754/046001  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Michael Masterov et al.

Application No.: 10/815,157

Confirmation No.: 8197

Filed: March 31, 2004

Art Unit: 3694

For: METHOD AND APPARATUS FOR  
DETECTING HIGH-ENERGY RADIATION  
USING A PULSE MODE ION CHAMBER

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Examiner: D. L. Greene

**REPLY UNDER 37 CFR §1.111**

MS: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 10, 2007, please reconsider this application in view of the following.